FEDERAL ITEM IDENTIFICATION GUIDE

SEWING MACHINES AND ACCESSORIES

This Reprint replaces FIIG T126, dated July 7, 1989.

This Federal Item Identification Guide for Supply Cataloging is issued under the authority of Department of Defense Instruction 5025.7.

The use of this publication is mandatory for US. Federal Activities participating in Federal Catalog System Operations.

BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

Contents

GENERAL INFORMATION

1. Purpose and Scope

     This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

     This FIIG is comprised of the following:

          Index of Approved Item Names Covered by this FIIG
          Applicability Key Index
          Section I - Item Characteristics Data Requirements
          Section III - New text that should be here.
          Appendix A - Reply Tables
          Appendix B - Reference Drawing Groups (as applicable)
          Appendix C - Technical Data Tables (as applicable)

     a. Index of Approved Item Names Covered by this FIIG:

     The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

     b. Applicability Key Index:

     The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

     (1) The letter "X" indicates the requirement must be answered for a full descriptive item.

     (2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

     (3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign ($) for an OR condition, or a double dollar sign ($$) for an AND condition, (5) the mode code, (6) the response or reply code

(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

MRC	Mode Code	Requirement	Example
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

MRC Index

INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

Approved Item Name	INC	App Key
NEEDLE, SEWING MACHINE	08516	BA

Excludes NEEDLE, SHOE STITCHING MACHINE.

Approved Item Name	INC	App Key
SEWING MACHINE, HOUSEHOLD	16757	AB
SEWING MACHINE, INDUSTRIAL	04781	AA

APPLICABILITY KEY INDEX

	AA	AB
NAME	X	X
AWGT	X	
AWHX	AR	
AWHY	AR	
AWHZ	AR	
AWJA	X	
AWGW	X	
AWGX	AR	
AWGY	X	
ASWM	AR	
AWGZ	AR	
AYJD	AR	
AWHA	X	
ALPM	X	
AKCV	AR	AR
ACDC	AR	AR
ELEC	AR	AR
ACZB	AR	AR
FAAZ	AR	AR
AWHB	X	
MATL	AR	
AWHC	X	
AWHD	X	
AFJU	X	
AWHE	X	
AWHF	AR	
AMQY	AR	
AWHG	X	
AWHL	AR	
AWHM	AR	
AWHN	AR	
ARDL		X
APGF		X
AWHP		X
AWHQ		X
AWHR		X
AWHS		X
AGLD		X
FEAT	AR	AR
TEST	AR	AR
SPCL	AR	AR
ZZZK	AR	AR
ZZZT	AR	AR
ZZZW	AR	AR
ZZZX	AR	AR
ZZZY	AR	AR
CRTL	AR	AR
PRPY	AR	AR

ELRN	AR	AR
ELCD	AR	AR
AFJK	AR	AR
AWJN	AR	AR
SUPP	AR	AR
ZZZP	AR	AR
ZZZV	AR	AR

	BA
NAME	X
AJXE	X
APCF	AR
APCG	X
ABCH	X
SURF	AR
AGUC	AR
AGXZ	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AWJN	AR
SUPP	AR
ZZZP	AR
ZZZV	AR

Body

SECTION: A

APP

Key	MRC	Mode Code	Requirements

ALL

    NAME   D   ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED16757*)

AA

    AWGT   D   SEWING TYPE FOR WHICH DESIGNED

Definition: INDICATES THE TYPE OF SEWING FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., AWGTDAEJ*; AWGTDAEJ$$DAES*)

NOTE FOR MRC AWHX: IF REPLY CODE AEH IS ENTERED FOR MRC AWGT, REPLY TO MRC AWHX.

AA* (See Note Above)

    AWHX   D   RIBBON ATTACHMENT

Definition: AN INDICATION OF WHETHER OR NOT A RIBBON ATTACHMENT IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWHXDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

APP
Key   MRC   Mode Code   Requirements

NOTE FOR MRC AWHY: IF REPLY CODE AEQ IS ENTERED FOR MRC AWGT, REPLY TO MRC AWHY.

AA* (See Note Above)

     AWHY   A   STITCH TYPE NUMBER

     Definition: THE STITCH TYPE NUMBER ASSIGNED TO THE ITEM.

     Reply Instructions: Enter the number. (e.g., AWHYA501*; AWHYA501$$A502*; AWHYA501$A502*)

NOTE FOR MRC AWHZ: IF REPLY CODE AEW IS ENTERED FOR MRC AWGT, REPLY TO MRC AWHZ.

AA* (See Note Above)

     AWHZ   D   ZIGZAG SEWING FOR WHICH DESIGNED

     Definition: INDICATES THE ZIGZAG SEWING FOR WHICH THE ITEM IS DESIGNED.

     Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWHZDAD*; AWHZDAG$$DAH*)

REPLY CODE	REPLY (AL93)
A	ANY ACCEPTABLE
AD	FLAT STITCH
AG	ROPE ATTACHING
AH	ROPETACKING

AA

     AWJA   D   TABLE MOUNTING TYPE

     Definition: INDICATES THE TYPE OF TABLE MOUNTING PROVIDED.

     Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWJADEN*)

REPLY CODE	REPLY (AA78)
A	ANY ACCEPTABLE
EN	FULLY SUBMERGED
EP	NONSUBMERGED
EQ	SEMISUBMERGED

APP Key	MRC	Mode Code	Requirements

AA

AWGW   D   STITCH TYPE

Definition: INDICATES THE TYPE OF STITCH PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWGWDAX*)

REPLY CODE	REPLY (AB87)
A	ANY ACCEPTABLE
AX	CHAIN
MH	LOCK
AAD	WHIPPED
AAE	ZIGZAG

AA*

AWGX   D   FEED MECHANISM DESIGN

Definition: THE DESIGN OF THE FEED MECHANISM.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., AWGXDAAB*)

AA

AWGY   D   NEEDLE TYPE

Definition: INDICATES THE TYPE OF NEEDLE PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWGYDAG*)

REPLY CODE	REPLY (AG89)
AG	MULTIPLE
AF	SINGLE

NOTE FOR MRCS ASWM AND AWGZ: IF REPLY CODE AG IS ENTERED FOR MRC AWGY, REPLY TO MRCS ASWM AND AWGZ.

APP Key	MRC	Mode Code	Requirements

AA* (See Note Above)

    ASWM   A   NEEDLE QUANTITY

    Definition: THE NUMBER OF NEEDLES PROVIDED.

    Reply Instructions: Enter the quantity. (e.g., ASWMA2*)

AA* (See Note Preceding MRC ASWM)

    AWGZ   J   NEEDLE GAGE

    Definition: THE DISTANCE BETWEEN THE NEEDLES.

    Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AWGZJAA2.000*; AWGZJLA25.0*; AWGZJAB0.500$$JAC3.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AA*

    AYJD   J   RIGHT OF NEEDLE WORKING SPACE

    Definition: A MEASUREMENT OF THE AMOUNT OF WORKING SPACE AVAILABLE TO THE RIGHT OF THE NEEDLE.

    Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AYJDJAA9.000*; AYJDJLA25.0*; AYJDJAB8.000$$JAC10.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AA

AWHA   D   BED TYPE

Definition: INDICATES THE TYPE OF BED PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWHADCZ*)

REPLY CODE	REPLY (AE98)
A	ANY ACCEPTABLE
CZ	CYLINDER
BY	FLAT
MZ	POST

AA

ALPM   D   ASSEMBLY FORM

Definition: THE FORM OF ASSEMBLY IN WHICH THE ITEM IS SUPPLIED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALPMDAM*)

REPLY CODE	REPLY (AE33)
AM	COMPLETE
AN	MACHINE ONLY

ALL*

AKCV   D   DRIVE TYPE

Definition: INDICATES THE TYPE OF DRIVE FOR TURNING, ROTATING, OR POSITIONING THE MECHANISM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKCVDCJ*)

REPLY CODE	REPLY (AG25)
A	ANY ACCEPTABLE
AY	FOOT PEDAL
CH	HAND
CJ	POWER (Motor)
CK	TREADLE

ALL*

ACDC	D	CURRENT TYPE

Definition: INDICATES THE TYPE OF CURRENT WHETHER ALTERNATING, DIRECT, OR BOTH.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ACDCDB*; ACDCDB$DC*)

REPLY CODE	REPLY (AB62)
B	AC
D	AC/DC
C	DC

ALL*

ELEC	B	VOLTAGE IN VOLTS

Definition: THE TOTAL ELECTRICAL VOLTAGE.

Reply Instructions: Enter the numeric value. (e.g., ELECB12.0; ELECB12.0$$B240.0*)*

APP Key	MRC	Mode Code	Requirements

ALL*

    ACZB   J   FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH AN ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACZBJEA60.0*; ACZBJEB60.0$$JEC70.0*)

Table 1

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ
E	HERTZ
K	KILOHERTZ
M	MEGAHERTZ

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

    FAAZ   D   PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FAAZDB)*

REPLY CODE	REPLY (AD02)

APP Key	MRC	Mode Code	Requirements
		A	SINGLE
		D	SINGLE OR THREE
		C	THREE
		B	TWO

AA

AWHB   D   TABLE TOP

Definition: AN INDICATION OF WHETHER OR NOT A TABLE TOP IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWHBDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AA*

MATL   D   MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., MATLDPWA000*; MATLDPWA000$$DWDS000*; MATLDPWA000$DWDS000*)

REPLY CODE	REPLY (AD09)
A	ANY ACCEPTABLE
WDS000	LUMBER-CORE W/PLASTIC COVERED TOP
FDE000	PARTICLE BOARD
PCAAZ0	PLASTIC, PHENOLIC LAMINATE
PWA000	PLYWOOD, LUMBER-COREWOOD
	Solid Wood (use Reply Code WD0000)
WD0000	WOOD

AA

AWHC   D   DRAWER

18

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF WHETHER OR NOT A DRAWER IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWHCDB*; AWHCDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AA

| | AWHD | D | MOBILE FIELD USAGE FEATURE |

Definition: AN INDICATION OF WHETHER OR NOT A MOBILE FIELD USAGE FEATURE IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWHDDB)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

AA

| | AFJU | D | CARRYING CASE |

Definition: AN INDICATION OF WHETHER OR NOT A CONTAINER FROM WHICH THE ITEM IS COMPLETELY REMOVABLE IN NORMAL OPERABLE CONDITION IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFJUDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

19

APP Key	MRC	Mode Code	Requirements

NOTE FOR MRC AWHE: IF REPLY CODE B IS ENTERED FOR MRC AFJU, ENTER REPLY CODE C FOR MRC AWHE.

AA (See Note Above)

AWHE   D   TABLE STAND

Definition: AN INDICATION OF WHETHER OR NOT A TABLE STAND IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWHEDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AA*

AWHF   D   STAND DESIGN

Definition: THE DESIGN OF THE STAND.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWHFDAJS*)

REPLY CODE	REPLY (AK54)
AJS	FOLDING
AFG	RIGID

AA*

AMQY   D   INSTALLATION DESIGN

Definition: THE INSTALLATION FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the Reply Code from the table below. (e.g., AMQYDBM*)

REPLY CODE	REPLY (AJ17)
BM	SHIPBOARD

APP Key	MRC	Mode Code	Requirements
AA			

AWHG   D   PEDESTAL MOUNTING FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A PEDESTAL MOUNTING FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWHGDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AA*

AWHL   D   PEDESTAL

Definition: AN INDICATION OF WHETHER OR NOT A PEDESTAL IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWHLDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

NOTE FOR MRC AWHM: IF REPLY CODE B IS ENTERED FOR MRC AWHL, REPLY TO MRC AWHM.

AA* (See Note Above)

AWHM   D   PEDESTAL ADJUSTABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE PEDESTAL IS ADJUSTABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWHMDA*)

REPLY CODE	REPLY (AB00)

APP Key	MRC	Mode Code	Requirements
		A	ADJUSTABLE
		C	NONADJUSTABLE

NOTE FOR MRC AWHN: IF REPLY CODE A IS ENTERED FOR MRC AWHM, REPLY TO MRC AWHN.

AA* (See Note Above)

AWHN   J   PEDESTAL ADJUSTABLE HEIGHT

Definition: AN ADJUSTABLE MEASUREMENT FROM THE BOTTOM TO THE TOP OF THE PEDESTAL, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AWHNJAA40.000*; AWHNJLA25.0*; AWHNJAB33.000$$JAC47.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AB

ARDL   D   MECHANICAL DRIVE TYPE

Definition: INDICATES THE TYPE OF MECHANICAL DRIVE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARDLDAB*)

REPLY CODE	REPLY (AG25)
A	ANY ACCEPTABLE
AB	BELT
CL	DIRECT GEAR

APP Key	MRC	Mode Code	Requirements

AB

APGF　　　　D　　　　　　DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDAJQ*)

REPLY CODE	REPLY (AK54)
AJQ	CABINET
AJR	PORTABLE

AB

AWHP　　　　D　　　　　　HEAD SIZE

Definition: AN INDICATION OF THE HEAD SIZE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWHPDBCH*)

REPLY CODE	REPLY (AF81)
BCH	FULL
BCJ	THREE-QUARTER

AB

AWHQ　　　　D　　　　　　BOBBIN TYPE

Definition: INDICATES THE BOBBIN TYPE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWHQDDH*)

REPLY CODE	REPLY (AE98)
KT	LONG
DH	ROUND

AB

APP Key	MRC	Mode Code	Requirements
	AWHR	D	SEWING MECHANISM TYPE

Definition: INDICATES THE TYPE OF SEWING MECHANISM PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWHRDC*; AWHRDC$DM*)

REPLY CODE	REPLY (AD55)
A	ANY ACCEPTABLE
C	OSCILLATING
L	REVERSE STITCH
M	ROTARY
N	VIBRATING

AB

AWHS   D   SPARE PARTS AND TOOLS

Definition: AN INDICATION OF WHETHER OR NOT SPARE PARTS AND TOOLS ARE INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWHSDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AB

AGLD   D   PERFORMANCE TYPE

Definition: INDICATES THE PERFORMANCE CAPABILITY OF THE ITEM OR COMPONENT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AGLDDAK*; AGLDDAB$DAF*)

REPLY CODE	REPLY (AE89)
A	ANY ACCEPTABLE
AK	HEAVY DUTY
AB	LIGHT DUTY
AF	MEDIUM DUTY

24

APP Key	MRC	Mode Code	Requirements

SECTION: B

APP

Key	MRC	Mode Code	Requirements

ALL

NAME   D   ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED08516*)

ALL

AJXE   A   SIZE DESIGNATOR

Definition: A DESIGNATION INDICATING THE SIZE BY WHICH THE ITEM IS COMMERCIALLY KNOWN AND/OR IDENTIFIED.

Reply Instructions: Enter the numeric value. (e.g., AJXEA12*)

ALL*

APCF   A   CLASS VARIETY NUMBER

Definition: THE NUMBER BY WHICH THE CLASS VARIETY IS IDENTIFIED.

Reply Instructions: Enter the identifying number. (e.g., APCFA135X17*)

ALL

APCG   D   SHANK TYPE

Definition: INDICATES THE PARTICULAR TYPE OF SHANK.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APCGDDW*)

REPLY CODE	REPLY (AD07)
A	ANY ACCEPTABLE
DS	INSIDE FLATTED
DT	ONE SIDE FLATTED
RD	ROUND
DW	ROUND FLATTED
DX	SINGLE SLABBED

APP Key	MRC	Mode Code	Requirements

ALL

    ABCH   D   POINT SHAPE

    Definition: THE PHYSICAL CONFIGURATION OF THE POINT.

    Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 4. (e.g., ABCHDRD*)

ALL*

    SURF   D   SURFACE TREATMENT

    Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.

    Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., SURFDCRA000*; SURFDCRA000$NFG000*; SURFDCRA000$$DNFG000*)

REPLY CODE	REPLY (AD09)
A	ANY ACCEPTABLE
CRA000	CHROMIUM PLATED
NFG000	NICKEL PLATED

ALL*

    AGUC   A   UNIT PACKAGE QUANTITY

    Definition: THE NUMBER OF ITEMS CONTAINED IN THE UNIT PACKAGE.

    Reply Instructions: Enter the quantity. (e.g., AGUCA12*)

ALL*

    AGXZ   D   UNIT PACKAGE TYPE

    Definition: INDICATES THE TYPE OF CONTAINER IN WHICH THE ITEM OF SUPPLY IS PACKAGED.

    Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AGXZDAJ*; AGXZDAJ$DFD*)

APP Key	MRC	Mode Code	Requirements
		REPLY CODE	REPLY (AE96)
		A	ANY ACCEPTABLE
		AJ	CARTON
		LS	FOLDER
		FD	PACKAGE

SECTION: STANDARD

APP

Key	MRC	Mode Code	Requirements

ALL *

    FEAT   G   SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL *

    TEST   J   TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321$$JB5556A-663654*;

TESTJAA2345-654321$JB55566-663654*)

REPLY CODE	REPLY (AC28)
C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications,

reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.)

B   STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)

ALL *

SPCL   G   SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL *

ZZZK   J   SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B$$JP80205-NAS1103*)

APP Key	MRC	Mode Code	Requirements

    REPLY (AN62)

REPLY CODE	REPLY (AN62)
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL* (See Note Above)

ZZZT   J   NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1$$JSTA*; ZZZTJTY1$JSTA*)

ALL *

ZZZW   G   DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

APP Key	MRC	Mode Code	Requirements

ALL *

    ZZZX   G   DEPARTURE FROM CITED DESIGNATOR

Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)

ALL *

    ZZZY   G   REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS

Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)

ALL *

    CRTL   A   CRITICALITY CODE JUSTIFICATION

Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.

Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL$$ASURF*)

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.

ALL * (See Note Above)

APP Key	MRC	Mode Code	Requirements
	PRPY	A	PROPRIETARY CHARACTERISTICS

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding ($$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL$$ASURF*)

ALL *

ELRN   G   EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code. (e.g., ELRNGANN112036BIL060557LEN0313605UZ062365*)

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL *

ELCD   D   EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

REPLY CODE	REPLY (AN58)
A	ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD

SECTION: SUPPTECH

APP Key	MRC	Mode Code	Requirements

ALL

AFJK   J   CUBIC MEASURE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJB8.000*; AFJKJC25.000*)

REPLY CODE	REPLY (AD42)
C	CUBIC CENTIMETERS
F	CUBIC FEET
B	CUBIC INCHES
E	CUBIC METERS

ALL

AWJN   J   UNPACKAGED UNIT WEIGHT

Definition: THE MEASURED WEIGHT OF AN ITEM UNENCUMBERED BY PACKAGING OR PACKING MATERIAL.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AWJNJAS1.500*; AWJNJBA50.000*)

For items indicating pounds and ounces, see Appendix C, Table 2, for conversion.

REPLY CODE	REPLY (AG67)
BA	GRAMS
AJ	KILOGRAMS
AN	OUNCES
AS	POUNDS

ALL

SUPP   G   SUPPLEMENTARY FEATURES

APP Key	MRC	Mode Code	Requirements

Definition: CHARACTERISTICS OR QUALITITES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)

ALL

ZZZP J PURCHASE DESCRIPTION IDENTIFICATION

Definition: THE CONTROLLING ACTIVITY AND IDENTIFICATION OF A DOCUMENT USED IN LIEU OF A SPECIFICATION IN THE PROCUREMENT OF AN ITEM OF SUPPLY.

Reply Instructions: Enter the 5-position Commercial and Government Entity (CAGE) Code, followed by a dash and the identifying number of the document.

(e.g., ZZZPJ81A37-30624A*)

ALL

ZZZV G FSC APPLICATION DATA

Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.

Reply Instructions: Enter the name of the next higher classifiable assembly in clear text. (e.g., ZZZVGFUEL SYSTEM, GASOLINE ENGINE, NONAIRCRAFT*)

Reply Tables

Table 1 - NONDEFINITIVE SPEC/STD DATA
NONDEFINITIVE SPEC/STD DATA

REPLY CODE	REPLY (AD08)
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
ML	MATERIAL
MH	MESH
ME	METHOD
MD	MODEL

REPLY CODE	REPLY (AD08)
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Table 2 - SEWING TYPES FOR WHICH DESIGNED
SEWING TYPES FOR WHICH DESIGNED

38

REPLY CODE	REPLY (AH21)
A	ANY ACCEPTABLE
AEG	BAR TACK
AEH	BASTING
AEJ	BUTTON
AEK	BUTTON HOLE
AEL	DARNING
AEM	GENERAL
AEN	HEAVY LEATHER
AEP	INVISIBLE
AEQ	OVEREDGE
AER	SHOE PATCHING
AES	TACKING
AET	WEBBING
AEW	ZIGZAG

Table 3 - FEED MECHANISM DESIGNS
FEED MECHANISM DESIGNS

REPLY CODE	REPLY (AM40)
A	ANY ACCEPTABLE
AAB	STYLE A, DROP
AAC	STYLE B, DROP W/ALTERNATING PRESSES
AAD	STYLE C, DROP W/PULLER
AAE	STYLE D, DROP W/UPPER FEED
AAF	STYLE E, DROP W/DIFFERENTIAL FEED
AAG	STYLE F, NEEDLE W/FEEDING FOOT
AAH	STYLE G, COMPOUND
AAJ	STYLE H, COMPOUND W/ALTERNATING PRESSES
AAK	STYLE I, COMPOUND W/PULLER
AAL	STYLE J, UPPER
AAM	STYLE K, GEAR DRIVEN
AAN	STYLE L, RATCHET AND PAWL
AAP	STYLE M, POSITIVE CLUTCH
AAQ	STYLE N, DISK CLUTCH
AAR	STYLE O, UNIVERSAL UPPER
AAS	STYLE P, TOP GRIPPING
AAT	STYLE Q, TOP AND BOTTOM
AAW	STYLE R, DROP W/INTERMITTENT DIFFERENTIAL FEED

Table 4 - POINT SHAPES
POINT SHAPES

REPLY CODE	REPLY (AD07)
A	ANY ACCEPTABLE
TW	CROSS TWIST
NA	NARROW WEDGE

REPLY CODE	REPLY (AD07)
PE	PIERCED
RG	REGULAR
RW	REVERSE TWIST
RD	ROUND
RP	ROUND TAPERED
TS	TWIST

Reference Drawing Groups

No table of contents entries found.

Technical Data Tables

No table of contents entries found.

FIIG Change List

FIIG Change List, Effective May 7, 2010

This change replaced with ISAC or and/or coding.